

Contents of Volume 65

Number 1

- 1 Photocatalytic degradation of two selected dye derivatives, chromotrope 2B and amido black 10B, in aqueous suspensions of titanium dioxide
M. QAMAR, M. SAQUIB & M. MUNEER (India)
- 11 Ceramic pigment obtained by polymeric precursors
J.D. CUNHA, D.M.A. MELO, A.E. MARTINELLI, M.A.F. MELO, I. MAIA & S.D. CUNHA (Brazil)
- 15 Supramolecular aggregates of lycopene
L. WANG, Z. DU, R. LI & D. WU (China)
- 21 Photostability of biliverdin bound to smectite, clay mineral
T. SAITO, K. FUKUI, Y. KODERA, A. MATSUSHIMA, H. NISHIMURA & Y. INADA (Japan)
- 25 Decolorization effects of six azo dyes by O₃, UV/O₃ and UV/H₂O₂ processes
H.-Y. SHU & M.-C. CHANG (Taiwan, ROC)
- 33 Determination of pK_a values of azlactone dyes in non-aqueous media
K. ERTEKIN, S. ALP & I. YALCIN (Turkey)
- 39 The use of ultrasound to enhance the decolorization of the C.I. Acid Orange 7 by zero-valent iron
H. ZHANG, L. DUAN, Y. ZHANG & F. WU (China)
- 45 Preparation of photosensitive color-producing microcapsules utilizing in situ polymerization method
K. SAWADA & H. URAKAWA (Japan)
- 51 Kinetics and thermodynamics of Methylene Blue adsorption on Neem (*Azadirachta indica*) leaf powder
K.G. BHATTACHARYYA & A. SHARMA (India)
- 61 Synthesis and characterization of an alkoxysilane dye for nonlinear optical applications
Y. CUI, M. WANG, L. CHEN & G. QIAN (PR China)
- 67 Microemulsions in supercritical CO₂ utilizing the polyethyleneglycol dialkylglycerol and their use for the solubilization of hydrophiles
K. SAWADA, M. OSHIMA, M. SUGIMITO & M. UEDA (Japan)
- 75 Synthesis and application of temporarily solubilised azo disperse dyes containing β -sulphatoethylsulphonyl group
J.J. LEE (Republic of Korea), W.J. LEE (UK), J.H. CHOI & J.P. KIM (Republic of Korea)
- 83 A kinetic study on decomposition of 2,2'-(3"-nitrophenylsulfonyl) ethyl ether
WU ZUWANG, DONG ZHENTANG & CHEN ZHENGXU (China)

Number 2

- 89 Ultrasound in textile dyeing and the decolouration/mineralization of textile dyes
S. VAJNHANDL & A. MAJGEN LE MARECHAL (Slovenia)
- 103 Ultrasonic assisted dyeing III. Dyeing of wool with lac as a natural dye
M.M. KAMEL, R.M. EL-SHISHTAWY, B.M. YUSSEF & H. MASHALY (Egypt)
- 111 Substantivity and spatial structure of soluble polycyclic dyes for dyeing cellulose fibres
K. WOJCIECHOWSKI & A. WOLSKA (Poland)
- 117 Electromotive force studies about some dyes–cationic surfactants interactions in aqueous solutions
S.M. GHOREISHI & M.S. NOOSHABADI (Iran)
- 125 Growth of BiVO₄ particles in cellulosic fibres by in situ reaction
M.A.B. BARATA, M.C. NEVES, C. PASCOAL NETO & T. TRINDADE (Portugal)
- 129 The use of metal chelators in the synthesis of monomethine cyanine dyes
R.M. ABD EL-AAL & A.A.M. BELAL (Egypt)
- 137 Indigo adsorption properties to polyester fibers of different levels of fineness
Y.-A. SON, H.-T. LIM, J.-P. HONG & T.-K. KIM (South Korea)
- 145 Photophysics of lanthanide double-decker compounds with mixed octaethylporphyrinato and 2,3-naphthalocyaninato ligands
X. SUN, Y. BIAN, M. BAI, C. MA (China), N. KOBAYASHI (Japan) & J. JIANG (China)

- 151 Statistical analysis of the effect of aromatic, azo and sulphonic acid groups on decolouration of acid dye effluents using advanced oxidation processes
M. MUTHUKUMAR, D. SARGUNAMANI & N. SELVAKUMAR (India)
- 159 Synthesis and optical properties of push-pull type tetrapyrazinoporphyrazines
B.H. LEE, J.Y. JAUNG, S.C. JANG & S.C. YI (South Korea)
- 169 Dielectric spectroscopy analysis of molecular reorientation in dye doped nematic liquid crystals having different preliminary orientation
M. OKUTAN, S.E. SAN & O. KÖYSAL (Turkey)

Short communications

- 175 Synthesis of linear bis-thiazolo[2,3-*d*][8,9-*d'*]trans-quinacridone
C. RĂDULESCU, I. IONIȚĂ & A.M. HOSSU (Romania)
- 179 Synthesis and properties of spiroxazine polymer having photocrosslinkable chalcone moiety
S.-H. KIM, C.-H. AHN, S.-R. KEUM & K. KOH (South Korea)

Number 3

- 183 Synthesis and spectral properties of polymethine dyes derived from 5-methyl-11-phenyl-5*H*-indeno[2,1-*b*]quinoline
D.G. KROTKO, K.V. FEDOTOV & A.I. TOLMACHEV (Ukraine)
- 191 Study on the interaction of anionic dye-nonionic surfactants in a mixture of anionic and nonionic surfactants by absorption spectroscopy
Ç. KARTAL & H. AKBAŞ (Turkey)
- 197 The synthesis and complexation study of some coumestan and coumestan analog derivatives of crown ethers using conductometry
S. ABDURRAHMANOĞLU, C. GÜNDÜZ, Ü. ÇAKIR, B. ÇİÇEK & M. BULUT (Turkey)
- 205 Halochromism of pyridinium azomethine ylides stabilized by dicyanopyrazine group
Y.-S. JUNG & J.-Y. JAUNG (Republic of Korea)
- 211 Dyes produced by the reaction of 1,2,3,4-tetrafluoro-9,10-anthraquinones with bifunctional nucleophiles
M. MATSUI, S. TANIGUCHI, M. SUZUKI, M. WANG, K. FUNABIKI & H. SHIOZAKI (Japan)
- 221 The use of sodium edate in the dyeing of cotton with reactive dyes
N.S.E. AHMED (Egypt)
- 227 Mineralization of an azo dye Acid Red 14 by electro-Fenton's reagent using an activated carbon fiber cathode
A. WANG, J. QU, J. RU, H. LIU & J. GE (China)
- 235 Synthesis and characterization of novel soluble octa-cationic phthalocyanines
Z.A. BAYIR (Turkey)
- 243 Synthesis and photographic properties of novel development-accelerator-releasing couplers
Y. LIU, F. LV, J. ZOU, D. ZHANG & Z. YAO (PR China)
- 251 Removal of reactive blue 221 and acid blue 62 anionic dyes from aqueous solutions by sepiolite
M. ALKAN, S. ÇELİKÇAPA, Ö. DEMİRBAŞ & M. DOĞAN (Turkey)
- 261 Synthesis of a novel bridge compound having hetero-bi-functional reactive groups. Part 1: its adsorption properties
T.-K. KIM & Y.-A. SON (South Korea)
- 267 Adsorption of the selected organic dyes on the functionalized surface of precipitated silica via emulsion route
T. JESIONOWSKI, S. BINKOWSKI & A. KRYSZTAFKIEWICZ (Poland)

Short communication

- 281 Crystal structure of anthraquinone-1,5-dithiol
Q. MENG, W. ZHANG, J. YU & D. HUANG (PR China)

